



U.S. Department
of Homeland Security

United States
Coast Guard

LOCAL NOTICE TO MARINERS WEEKLY EDITION

District: 13

Week: 45/04

Boating Safety Classes or Information: 1-800-336-BOAT (2628)

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (oan)
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LIGHT LIST REFERENCE: COMDTPUB P16502.6, Light List Volume VI, 2004 Edition

UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE (NIS)

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information for GPS, DGPS, and LORAN-C. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). NANU notices can also be obtained via e-mail subscription through the USCG Navigation Center website

<http://www.navcen.uscg.gov/gps/status/default.htm>.

In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or LORAN service. Mariners are encouraged to report all degradation of radio navigation services to the NIS via any of the following: Phone: 703-313-5900, Email: webmaster@navcen.uscg.mil or on the World Wide Web at: <http://www.navcen.uscg.gov>.

BROADCAST NOTICE TO MARINERS

This section contains a range of all the significant Broadcast Notice to Mariners (BNM's) on the date of this edition.

<u>Originating Unit</u>	<u>Beginning BNM</u>	<u>Ending BNM</u>
CGD THIRTEEN	D13-2051-04	D13-2083-04

ABBREVIATIONS

ACOE - Army Corps of Engineers
ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway
B - Buoy
BKW - Breakwater
B - Refer to Light List
BNM - Broadcast Notice to Mariner
CG - Refer to Light List
CHAN - Channel
CGD - Coast Guard District
CR - Refer to Light List
C/O - Cut Off
CONT - Contour
CONSTR - Construction
CRK - Creek
CONST - Construction
DBN - Daybeacon
DBD/DAYBD - Dayboard
DBN/DEST - Daybeacon Destroyed
DBN IMCH - Daybeacon Improper Characteristic
DISCON - Discontinued
DMGD - Daybeacon Damaged

EST - Established Aid
EVAL - Evaluation
EXT - Extinguished
FL - Flashing
F/S - Fog Signal
HAZ - Hazard to Navigation
HBR - Harbor
HOR - Horizontal Clearance
HT - Height
ICW - Intracoastal Waterway
IMPCHA - Improper Characteristics
INL - Inlet
INOP - Not Operating
ISL - Islet
KBG - Refer to Light List
KBG-I - Refer to Light List
KBR - Refer to Light List
KBR-I - Refer to Light List
KBW - Refer to Light List
KGB - Refer to Light List
KGB-I - Refer to Light List
KGR - Refer to Light List
KGR-I - Refer to Light List

KGW - Refer to Light List
KGW-I - Refer to Light List
KRB - Refer to Light List
KRB-I - Refer to Light List
KRG - Refer to Light List
KRG-I - Refer to Light List
KRW - Refer to Light List
KWB - Refer to Light List
KWB-I - Refer to Light List
KWG - Refer to Light List
KWG-I - Refer to Light List
KWR - Refer to Light List
KWR-I - Refer to Light List
LAT - Latitude
LB - Lighted Buoy
LBB - Lighted Bell Buoy
LHB - Lighted Horn Buoy
LGB - Lighted Gong Buoy
LONG - Longitude
LNM - Local Notice to Mariners
LT - Light
LT CONT - Light Continuous
LWB - Lighted Whistle Buoy

MISS - Missing
 MR - Refer to Light List
 MR-I - Refer to Light List
 N/A - Not Available
 NB - Refer to Light List
 N/C - Not Charted
 ND - Refer to Light List
 NG - Refer to Light List
 NIMA - National Imagery and Mapping Agency
 NL - Refer to Light List
 NO - Number
 NOS - National Ocean Service
 NR - Refer to Light List
 NW - Refer to Light List
 NW - Notice Writer
 NY - Refer to Light List

OBSCU - Obscured
 OBST - Obstruction
 OBSTR - Obstruction
 PRIV - Private Aid
 RBN - Radio Beacon
 REBUILT - Aid Rebuilt
 RECOVERED - Aid Recovered
 RED - Red Buoy
 REDINT - Reduced Intensity
 RRL - Range Rear Light
 RELIGHTED - Aid Relighted
 RELOC - Relocated
 RESET ON STATION - Aid Reset on Station
 RFL - Range Front Light
 RIV - River
 SEC - Section

SG - Green Square on pile
 SG-SY - Green Square with Yellow Square on pile
 SHL - Shoaling
 SND - Sound
 STM - Statue Mile
 TEMP - Temporary Aid Change
 TR - Red Triangle on pile
 TRLB - Temporarily Replaced by Lighted Buoy
 TRLT - Temporarily Replaced by Light
 TR-TY - Red Triangle with Yellow Triangle on pile
 TRUB - Temporarily Replaced by Unlighted Buoy

Additional Abbreviations Specific to this LNM Edition:

LED - Light Emitting Diode
 LWP - Light Watching Properly

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

THIRTEENTH COAST GUARD DISTRICT - DGPS

Effective 09 Nov 04, the U.S. Coast Guard established a DGPS broadcast site at Seneca, OR. Specifics on the new signal include: Site name – Seneca, OR, Location – 44-09-51.6N 119-03-35.4W, Frequency – 310KHZ, Baud rate – 100BPS, Broadcast site ID – 733, Reference station A ID – 214, Reference station B ID – 215, and Anticipated coverage – 300KM radius around Seneca. Additional information on the site is available at the U.S. Coast Guard website www.navcen.uscg.gov. Users may direct queries to the Commanding Officer, Coast Guard Navigation Center, 7323 Telegraph Rd, Alexandria, VA 22315, or by calling (703) 313-5900.
 Chart N/A LNM: 45/04

WASHINGTON - QUILLAYUTE RIVER - Hazard to Navigation

A green can buoy, with the marking 3A, is adrift within shoal waters at approximate position 47-54-19N 124-38-44W. Mariners are requested to use caution in the vicinity and not use this buoy for navigation.
 Chart 18480 LNM: 45/04

WASHINGTON - ELLIOTT BAY - Hazard to Navigation

A crane boom will be extended approximately 150 feet over the East Duwamish Waterway at the Port of Seattle terminal 18 from 08 Nov to 22 Nov 04. The boom will block a portion of the waterway. Larger vessels are recommended to transit with extreme caution. For additional information, contact DMB Construction at (253) 838-1402.
 Chart 18450 LNM: 45/04

WASHINGTON - HOOD CANAL - Surface / Subsurface Operations

Naval Undersea Warfare Center (NUWC) Keyport Division is operating an Undersea Unmanned Vehicle in the vicinity of Hazel Point to South Hood Canal at approximate position 47-44-00N 122-44-18W, from 0600 to 2300 local, from 15 Oct 04 to 31 Jan 05. Navy vessels US Navy Barge YC-1635, a small boat, and a Dabob Range guard boat will also participate in the operations. Mariners are requested to use caution in the area. For additional information, mariners can contact Navy Barge YC-1635 on VHF-FM Channels 16 / 88 or call (360) 621-4378.
 Chart 18445 LNM: 42/04

WASHINGTON - GUEMES CHANNEL - Construction

Mason Construction will be working on the Guemes and Anacortes ferry docks commencing with the Guemes side on 18 Oct 04, then tentatively on the Anacortes side on 15 Nov 04 and finish approximately 30 Nov 04. Manson Construction equipment consists of the pile driver Norseman, tugboat Elmer, barge Manson 35 and Barge 110. Mariners are requested to caution in the vicinity of the construction equipment. For additional information, contact the Skagit County Public Works at (360) 336-9400.
 Chart 18421 LNM: 42/04

WASHINGTON - APPROACHES TO STRAIT OF JUAN DE FUCA - Survey Operations

The NOAA Ship Rainier and her survey launches will be conducting survey operations in the vicinity of Smith Island at the eastern approaches to the Strait of Juan De Fuca from 19 Oct to 12 Nov 04. The Rainier and her survey launches will monitor VHF-FM Channels 05A, 13, and 16. For additional information, contact the Rainier at (877) 665-6533.
 Chart 18480 LNM: 42/04

SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
9600	Yaquina Bay Entrance Lighted Gong Buoy 3	Off Station 34 yds / 173°T	18561	D13-1182-04	42/04	
11030	St Helens Range Front Light	Damaged / Off Station	18524	D13-1066-04	38/04	
15595	Grays Harbor Channel Lighted Whistle Buoy 11	MISS	18502	D13-1093-04	39/04	
17615	Kilisut Harbor Daybeacon 8	Structure MISS / TRUB Off Station	18441	D13-0905-03	32/04	
19935	International Boundary Range C Front Light	IMPCHA / DBD Faded and Peeling	18421	D13-1191-02	38/02	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
16095.1	Quillayute River Entrance Buoy 3A	Seasonally Decommissioned	18480	D13-2054-04	42/04	45/04

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
687	Seaside Data Buoy	MISS	18500	D13-1175-04	42/04	
9185	North Slough Channel Daybeacon 4	IMPCHA	18587	D13-0478-04	18/04	
9190	North Slough Channel Daybeacon 8	IMPCHA	18587	D13-1144-02	36/02	
9195	Haynes Inlet Channel Daybeacon 1	IMPCHA	18587	D13-0479-04	18/04	
9205	Haynes Inlet Channel Daybeacon 5	IMPCHA	18587	D13-0480-04	18/04	
9210	Haynes Inlet Channel Daybeacon 7	IMPCHA	18587	D13-0481-04	18/04	
12930.6	Lower Middle Channel Approach Buoy E	MISS	18542	D13-0800-04	30/04	
12930.7	Lower Middle Channel Approach Buoy G	MISS	18542	D13-0954-04	34/04	
12930.9	Lower Middle Channel Approach Buoy 3	IMPCHAR / Off station	18542	D13-0955-04	34/04	
12930.94	Lower Middle Channel Approach Buoy 9	IMPCHAR / Off station	18542	D13-0953-04	34/04	
15030	Oswego North Pier Light	IMPCHAR	18528	D13-0973-04	35/04	
15035	Oswego South Pier Light	IMPCHAR	18528	D13-0974-04	35/04	
16795	ACOE Shilshole Bay South Lighted Mooring Buoy	MISS	18441	D13-2040-04	44/04	
18378	Cich's Pier Light	EXT	18447	D13-2035-04	44/04	
18380	Meydenbauer Bay Yacht Club Lights (6)	EXT	18447	D13-2037-04	44/04	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
17731	Mariculture Lighted Buoys (2)	LWP	18441	D13-2058-04	35/04	45/04

18285	North Lake Washington Monitoring Lighted Buoy	LWP	18447	D13-2081-04	44/04	45/04
19230	Georgia Pacific Outfall Lighted Buoy	LWP	18421	D13-2051-04	43/04	45/04

SECTION III – TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
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TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
None						

SECTION IV – CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only. It is up to the mariner to decide which Chart(s) are to be corrected. The following example explains the individual elements of a typical chart correction.

Chart Number ↓	Chart Edition ↓	Edition Date ↓	Last Local Notice to Mariners ↓	Horizontal Datum Reference ↓	Source of Correction ↓	Current Local Notice to Mariner ↓
18427	20 TH ed	3/18/2000	Last LNM 25/99	NAD 83	(NOS Silver Spring)	40/99
<div> <div>Chart Title: WA – ANACORTES TO SKAGIT BAY - (Temp)</div> <div> <div>Add</div> <div>Ben Ure Island Light 2, Fl R 4s, 25ft 4M</div> <div>at</div> <div>48-24-12.100N 124-37-42.000W</div> </div> </div>						
	↑ Corrective Action	↑ Object of Correction Action				↑ Position

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

18421	46th ed	Sep 2003	Last LNM 44/04	NAD 83	(CCGD 13)	45/04
Chart Title: WA - STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA						
	Delete	Lime Kiln Light characteristic HORN (Bl 30s)			at	48-30-50.318N 123-09-08.940W
18423	34th ed	Dec 2003	Last LNM 44/04	NAD 83	(CCGD 13)	45/04
Chart Title: WA - BELLINGHAM TO EVERETT INCLUDING SAN JUAN ISLANDS						
	Delete	Lime Kiln Light characteristic HORN (Bl 30s)			at	48-30-50.318N 123-09-08.940W
18433	5th ed	Dec 2002	Last LNM 37/04	NAD 83	(CCGD 13)	45/04
Chart Title: WA - HARO STRAIT						
	Delete	Lime Kiln Light characteristic HORN (Bl 30s)			at	48-30-50.318N 123-09-08.940W
18441	43rd ed	Jul 2003	Last LNM 37/04	NAD 83	(CCGD 13)	45/04
Chart Title: WA - PUGET SOUND - NORTHERN PART						
	Change	ACOE Shilshole Bay North Lighted Mooring Buoy characteristics to Fl 4s			at	47-41-05.000N 122-24-34.000W
	Change	ACOE Shilshole Bay South Lighted Mooring Buoy characteristics to Fl 4s			at	47-40-17.000N 122-25-22.000W
18445	30th ed	Oct 2003	Last LNM 44/04	NAD 83	(CCGD 13)	45/04
Chart Title: WA - PUGET SOUND - POSSESSION SOUND TO OLYMPIA INCLUDING HOOD CANAL						
	Change	ACOE Shilshole Bay North Lighted Mooring Buoy characteristics to Fl 4s			at	47-41-05.000N 122-24-34.000W
	Change	ACOE Shilshole Bay South Lighted Mooring Buoy characteristics to Fl 4s			at	47-40-17.000N 122-25-22.000W

18446	16th ed	Aug 2003	Last LNM 35/04	NAD 83	(CCGD 13)	45/04
<i>Chart Title:</i> WA - PUGET SOUND - APPLE COVE POINT TO KEYPORT						
Change	ACOE Shilshole Bay North Lighted Mooring Buoy characteristics to Fl 4s				at 47-41-05.000N	122-24-34.000W
Change	ACOE Shilshole Bay South Lighted Mooring Buoy characteristics to Fl 4s				at 47-40-17.000N	122-25-22.000W
Change	Lower Guide Wall Light characteristics to F Y				at 47-40-07.000N	122-24-15.000W
Change	Upper Guide Wall Light characteristics to F Y				at 47-39-53.000N	122-23-28.000W
18447	27th ed	Apr 2004	Last LNM 20/04	NAD 83	(NOS NW -7496)	45/04
<i>Chart Title:</i> WA - LAKE WASHINGTON SHIP CANAL AND LAKE WASHINGTON						
Change	ACOE Shilshole Bay North Lighted Mooring Buoy characteristics to Fl 4s				at 47-41-05.000N	122-24-34.000W
Change	ACOE Shilshole Bay South Lighted Mooring Buoy characteristics to Fl 4s				at 47-40-17.000N	122-25-22.000W
Change	Lower Guide Wall Light characteristics to F Y				at 47-40-07.000N	122-24-15.000W
Change	Upper Guide Wall Light characteristics to F Y				at 47-39-53.000N	122-23-28.000W
18473	7th ed	Dec 2002	Last LNM 37/04	NAD 83	(CCGD 13)	45/04
<i>Chart Title:</i> WA - PUGET SOUND - OAK BAY TO SHILSHOLE BAY						
Change	ACOE Shilshole Bay North Lighted Mooring Buoy characteristics to Fl 4s				at 47-41-05.000N	122-24-34.000W
Change	ACOE Shilshole Bay South Lighted Mooring Buoy characteristics to Fl 4s				at 47-40-17.000N	122-25-22.000W
18521	70th ed	Oct 2003	Last LNM 44/04	NAD 83	(NOS NW -8144)	45/04
<i>Chart Title:</i> OR - WA - COLUMBIA RIVER PACIFIC OCEAN TO HARRINGTON POINT						
ILWACO	Add	Tabulation: Columbia River			centered at 46-21-59.000N	124-00-50.000W
HARBOR		BAKER BAY WEST CHANNEL				

OIL RIG MOVEMENT

Drill Rigs/Vessels Removed						
<u>Latitude</u>	<u>Longitude</u>	<u>Block</u>	<u>Rigs/Vessel</u>	<u>Chart</u>	<u>Type</u>	<u>Status</u>
None						
Drill Rigs/Vessels Established						
<u>Latitude</u>	<u>Longitude</u>	<u>Block</u>	<u>Rigs/Vessel</u>	<u>Chart</u>	<u>Type</u>	<u>Status</u>
None						

SECTION V - ADVANCE NOTICES

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

SUMMARY OF ADVANCED APPROVED PROJECTS

<u>Waterway</u>	<u>Project Date</u>	<u>Ref. LNM</u>
Washington – Puget Sound	Jan 2005	LNM: 45/04

The **daymark** on West Point Light (LLNR 16800) will be disestablished on or about 01 January 2005. West Point Lighthouse and associated buildings will be transferred under the National Historic Lighthouse Preservation Act to the city of Seattle. The light itself will continue to be a federal aid to navigation.

SECTION VI - PROPOSED CHANGES

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office Attn John Barberi (206) 220-7276 unless otherwise noted (see banner page for address).

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

<u>Waterway</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
WASHINGTON – ADMIRALTY INLET AND PUGET SOUND TO SEA TTLE	17 December 2004		LNM: 45/04

Navigation Aids: Due to new / improved navigation technology (DGPS) this fog signal is no longer considered necessary for safe navigation and is also considered redundant in the waterway.

Discontinue the fog signal at Point Hudson Light 4 (LLNR 16495/17525).

Charts 18423, 18441, 18464, 18471

Navigation Aids: The nominal range of fog signals in Puget Sound are not advertised and are normally set at 1/2 mile range.

Reduce the nominal range to 1/4 mile on the below listed fog signals due to new / improved navigation technology (DGPS), the normal 1/2 mile range is no longer considered necessary for safe navigation.

Neah Bay Light 2 (LLNR 16160)
Point No Point Light (LLNR 16550)
West Point Light (LLNR 16800)
Tyee Shoal Light (LLNR 16825)
Duwamish Head Light (LLNR 16910)
Alki Point Light (LLNR 16915)
Three Tree Point Light (LLNR 16980)
Robinson Point Light (LLNR 17070)
Point Defiance Light (LLNR 17215)
Eagle Harbor Light 3 (LLNR 18005)
Orchard Point Light (LLNR 18035)
Point Glover Light 9 (LLNR 18070)
Waterman Point Light 11 (LLNR 18080)
Mukileto Light (LLNR 18460)
Shannon Point Light (LLNR 18960)
Burrows Island Light (LLNR 19350)

Charts 18421, 18427, 18429, 18440, 18443, 18444, 18445, 18446, 18448, 18449, 18450, 18452, 18453, 18460, 18474, 18477, 18480, 18484, 18485

Navigation Aids: To accommodate the installation of a Light Emitting Diode Light (LED).

Reduce the nominal range of Cottonwood Island Turn Lighted Buoy 36 (LLNR 10865) from four (4) to three (3) nautical miles.

Chart 18524

Navigation Aids: To accommodate the installation of a Light Emitting Diode Light (LED).

Reduce the nominal range of Vancouver Channel Lighted Buoy 47 (LLNR 11230) from four (4) to three (3) nautical miles.

Chart 18525

Navigation Aids: To accommodate solarization.

Reduce the nominal range of Welch Island Channel Lighted Buoy 28 (LLNR 10325) from four (4) to three (3) nautical miles.

Chart 18523

Navigation Aids: Due to new/improved navigation technology (DGPS), this fog signal is no longer considered necessary for safe navigation.

Discontinue the fog signal at Destruction Island Light (LLNR 735).

Charts 18003, 18007, 18480, 18500

Navigation Aids: Due to new/improved navigation technology (DGPS), this fog signal is no longer considered necessary for safe navigation.

Discontinue the fog signal at Cape Flattery Light (LLNR 760/16145).

Charts 18400, 18460, 18480, 18485

Navigation Aids: No longer considered necessary for safe navigation in the waterway.

Discontinue Fisher Island Slough Light 4 (LLNR 10740).

Chart 18524

SECTION VII - GENERAL

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

OREGON - Bridge Information (Revisions of LNM 38/04)

Coos Bay

The Coos Bay Drawbridge at mile 9.0 need not open for the passage of vessels unless 48 hour notice is provided for all openings from 0700 to 1700 local, Monday through Friday, from 01 Oct to 12 Nov 04. These temporary special operations are necessary while major repairs are made to the steel truss. At other times the draw will operate normally.

Chart 18587

LNM: 42/04

OREGON - Bridge Information

Siuslaw River

The U.S.101 Bridge at Florence need not open for the passage of vessels from 0001 local 18 Oct to 2359 local 30 Nov 04. The temporary closure is authorized for a resurfacing project on the double-leaf bascule.

Chart 18583

LNM: 26/04

OREGON - Bridge Information (Revisions of LNM 09/04)

Willamette River

The Broadway Bridge at mile 11.7 will require 24 hour notification for openings from 27 Feb 04 to 13 Jan 05 due to operations related to painting.

Chart 18526

LNM: 44/04

COLUMBIA RIVER - Bridge Information (Revision of LNM 43/04)

Vancouver

The dual liftspans of the Interstate 5 dual vertical lift bridges at river mile 106.5 will require a two-hour notice for openings From 0700 local 08 Nov to 2300 local 30 Nov 04 due to a major mechanical-electrical rehabilitation project.

Charts 18524, 18526

LNM: 45/04

WASHINGTON - Bridge Information (Revision of LNM 35/04)

Tacoma Narrows Bridge

Construction - Barges and other equipment will be deployed at various locations around the piers of the new parallel bridge currently under construction. Mariners should be alert to anchor cables and give all equipment a wide berth. Tower cranes will be mounted to the new piers (towers) and will swing wide with the possibility of accidental fall of material. Vessels and divers are advised to avoid the area within a 500-foot radius of the piers at 47-15-54N 122-32-49W and 47-16-15N 122-33-15W. Buoys mark the end of storm water outfall located approximately at 47-16-05N 122-33-32W.

Charts 18448, 18474

LNM: 41/04

WASHINGTON - Bridge Information

Lake Washington Ship Canal

The Montlake Bridge need not open for vessels from 1100 to 1300 and from 1530 to 1730 local on 13 Nov 2004. These temporary closures accommodate heavy road traffic near Husky Stadium.

Chart 18447

LNM: 38/04

WASHINGTON - Bridge Information

Hood Canal

The Hood Canal Bridge is unable to open on incoming tides until further notice.

Chart 18476

LNM: 33/04

WASHINGTON - Bridge Information

Everett

State Route 529 Sw ingspan Bridge across Steamboat Slough at Everett is inoperable due to mechanical failure until further notice.

Chart 18443

LNM: 36/03

Bridge Lighting Discrepancies:

Lights on the following bridges have been reported extinguished.

Waterway and Mile	Bridge Name	Location	Status	Date reported	BNM	LNM
Skagit River Mile 12.5	Division Street Swing Bridge	Mt Vernon, WA	EXT	29 Oct 04	2027-04	44/04

Bridge Lighting Discrepancies Corrected:

The following bridge discrepancies have been corrected since the last Local Notice to Mariners:

Waterway and Mile	Bridge Name	Location	Status	Date reported	BNM	LNM
Clatskanie River Mile 0.7	Clatskanie River Bridge	Clatskanie, OR	LWP	15 Sep 04	2075-04	45/04
Snake River Mile 58.5	Joso Bridge	Raparia, WA	LWP	06 Oct 04	2076-04	45/04
Snake River Mile 61.8	Sargent Bridge	Starbuck, WA	LWP	06 Oct 04	2077-04	45/04
Snake River Mile 83.2	SR 127 Bridge	WA	LWP	07 Oct 04	2078-04	45/04

WASHINGTON - CHANGE OF OPERATIONAL CONTROL AND GEOGRAPHIC AREA OF RESPONSIBILITY

Effective 01 Oct 04, Coast Guard responsibilities for operations and geographic areas has changed as follows:

Coast Guard Group Seattle's new area of responsibility is defined as: starts at the northeastern most point of Whatcom County and the Canadian border 49-00-00N 120-51-34W; then proceeds along the Canadian border eastward to the Montana-North Dakota boundary; thence southerly along this boundary to the Wyoming State line; thence westerly and southerly along the Montana-Wyoming boundary to the Idaho State line; thence northwesterly along the Montana-Idaho boundary to 46-55-00N; thence westerly along 46-55-00N to 123-18-00W; thence northerly to a point 47-58-06N to 123-18-00W; thence easterly to Double Bluff Point 47-58-06N 122-32-48W; thence northward along the western shore of Whidbey Island to West Point then south easterly along the eastern shore of Whidbey Island at Strawberry Point 48-17-53N, 122-30-21W; thence easterly across Skagit Bay along the Skagit Snohomish County line to the southeastern most point of Skagit County thence to the point of origin.

Coast Guard Group Port Angeles' new area of responsibility is defined as: starts at 48-29-35N 124-43-45W and proceeds along the Canadian border eastward to the northeastern most point of Whatcom County and the Canadian border 49-00-00N 120-51-34W; thence southward following the Whatcom and Skagit Counties' eastern boundaries to the Snohomish County line at 48-17-44N 121-00-05W; thence westward across Skagit Bay to the eastern shore of Whidbey Island at Strawberry Point 48-17-53N 122-30-21W; thence northerly along the Whidbey Island shore to West Point then southerly along the western Whidbey Island shore to Double Bluff Point 47-58-06N 122-32-48W; thence westward to 123-18-00W; thence southward to 47-32-00N 123-18-00W; thence westerly along the 47-32-00N to the Exclusive Economic Zone (EEZ); thence northeasterly along the outermost extent of the EEZ to the Canadian border; thence easterly along the Canadian border to the point of origin. Port Angeles's Search and Rescue Mission Coordination responsibilities extend from its eastern most boundary seaward to 50 nautical miles west of the coastline. Additionally, Group Port Angeles has Search and Rescue Mission Coordination responsibilities in the area bounded by 48-29-35N 126-00-00W eastward to 48-29-35N 124-43-45W thence southwesterly along the EEZ to 48-08-12N. Coast Guard District Thirteen maintains Search and Rescue Mission Coordination responsibilities from 50 nautical miles westward to the EEZ.

Charts 18480, 18440 and 18400

LNM: 39/04

THIRTEENTH COAST GUARD DISTRICT - 2004 Special Local Notice to Mariners

U.S. Coast Guard District 13 has Published the 2004 Special Local Notice to Mariners. The Special Local Notice to Mariners is available for down load from the web at <http://www.uscg.mil/d13/oan/slnm2004.pdf> or <http://www.navcen.uscg.gov/nm/d13/slnm2004.pdf>. A limited number of Special Local Notice to Mariners are available for mailing by calling (206) 220-7270.

Chart N/A

LNM: 27/04

THIRTEENTH COAST GUARD DISTRICT - Request for information on the use of large-scale driftnets on the high seas (Revision to LNM 09/04)

The United States Coast Guard (USCG) requests mariners be on the lookout for and report any observed driftnets or vessels engaged in driftnet fishing on the high seas (more than 200NM from shore). Sighting information may be made to any of the following Coast Guard offices:

Offices	Phone	Fax	Telex	Email
USCG Pacific Area Alameda, CA Commander (Poo) Coast Guard Island, 51-5 Alameda, CA 94568	1-800-246-7236 1-510-437-3701	1-510-437-3017	230172343	OD11/Pacarea@d11.uscg.mil
USCG 14th District Honolulu, HI Commander D14 (ole) 300 Ala Moana Blvd Honolulu, HI 96850-4982	1-800-331-6176 1-808-541-2500	1-808-541-2123		D14ccdutyofficer@D14.uscg.mil
USCG 17th District Juneau, AK Commander D17 (ole) PO Box 25517, Rm 771 Juneau, AK 99802-5517	1-800-478-5555 1-907-463-2000	1-907-463-2023	49615066	D17-cc@cgalaska.uscg.mil

Illegal high seas driftnet (HSDN) fishing has historically been conducted in the Northwest Pacific Ocean. Mariners following great circle routes between North America and Asia are most likely to encounter this activity. Fishing activity normally takes place between 01 Apr and 31 Aug. However, illegal activity may occur in other areas and at other times of the year.

Information desired include date, time, position, description of gear/vessel, name of vessel, home port and observed activity. Video or photographs are highly desired and can be mailed or emailed to any of the offices above.

HSDN Fishing Vessel Characteristics:

HSDN fishing vessels typically range from 120 to 200 feet in length and are usually in fair to poor condition. Distinguishing characteristics include:

Net tube: A large, usually white tube, which extends from the working deck to the net bin located aft. This tube is about two feet in diameter, runs along the port or starboard side of the superstructure, and is clearly visible from both the surface and air.

Net bin: A structure normally located on an aft deck in which the nets are stored.

Net spreader: A triangular or roller net spreading device, which prevents the net from becoming entangled as it enters the water. While only visible from the stern, this is one characteristic, which clearly distinguishes a HSDN fishing vessel from a longline or other fishing vessel.

Transponders: The radio transponders are approximately 4-6 ft tall, are used to mark the end of a net and are normally stored in racks on the weather decks.

When the net is in the water, it is normally suspended using cylindrical floats spaced every few feet, similar to swimming pool lane markers, with the ends of the nets marked with radio transponders. Other types of floats may be used, including larger spherical floats about 2-3 ft in diameter. The driftnets may vary from a couple hundred yards to several nautical miles in length.

Chart N/A

LNM: 32/04

THIRTEENTH COAST GUARD DISTRICT - Reporting suspicious activity

The Department of Homeland Security (DHS) encourages the maritime public to report information concerning suspicious activity to the National Response Center (NRC) at (800) 424-8802. The U.S. Coast Guard reminds the maritime industry that they may also report information concerning activity to their Local Federal Bureau of Investigation (FBI) Joint Terrorism Task Force (JTTF) Office, <http://www.fbi.gov/contact/fo/fo.htm>, or to other appropriate authorities. Individuals can contact the DHS Watch and Warning Unit at (202) 323-3205, toll free at (888) 585-9078, or by e-mail to nipc.watch@fbi.gov.

Chart N/A

LNM: 15/03

COLUMBIA RIVER - ASTORIA - Construction Projects (Revision of LNM 45/02)

Marine construction activities are scheduled near Astoria on the Oregon side of the Columbia River at the Port of Astoria's Pier III near river mile 11. This is a long-term project that is expected to last until 2005. Mariners should use caution near the 1100-foot pier, as piles may not be visible at high tide. For questions concerning the long-term Pier III project contact the Port of Astoria at (503) 325- 4521.

Chart 18521

LNM: 35/03

OREGON / WASHINGTON - COASTAL REGION - Tsunami Reporting System

As part of the Pacific Tsunami Reporting System the following surface buoys have been deployed by NOAA. Each buoy is a 2.5-meter disk, red and white in color, with the word "TSUNAMI" on it. Each buoy has a "FL Y 4s" light.

Buoy 46404 45-51-32N, 128-46-40W

Buoy 46405 42-54-10N, 130-54-32W

Buoy D - 127 45-31-26N, 127-35-38W

Chart 501

LNM: 29/03

OREGON / WASHINGTON - COASTAL REGION - NOAA

NOAA buoys 46404 and 46405 have been temporarily discontinued.

Chart 501

LNM: 14/04

COLUMBIA AND SNAKE RIVERS - 2004 Winter Seasonal Lockage Schedule for Recreational Craft

The U.S. Army Corps of Engineers, Walla Walla and Portland Districts, have implemented the 2004/2005 winter seasonal lockage schedule, which is effective from 16 September 2004 to 14 May 2005 for the passage of recreational craft through the following navigation locks:

Walla Walla District Locks			Portland District Locks		
Navigation Lock	Location	Chart	Navigation Lock	Location	Chart
McNary Dam	Columbia River Mile 292	18539	Bonneville Dam	Columbia River Mile 145	18531
Ice Harbor Dam	Snake River Mile 9.7	18545	The Dalles Dam	Columbia River Mile 191	18533
Lower Monumental Dam	Snake River Mile 41.6	18545	John Day Dam	Columbia River Mile 216	18535
Little Goose Dam	Snake River Mile 70.3	18546			
Lower Granite Dam	Snake River Mile 107.3	18548			

When a recreational vessel lockage schedule is in effect, recreational vessels will only be allowed to lock through at the times designated for such lockages and they will take precedence over commercial vessels. Commercial vessels will continue to be locked through upon arrival except during the times specified for recreational vessel lockages. At the discretion of the lock operator, recreational vessels may be allowed to lock through with commercial craft. All vessel owner/operators lock through at their own risk. Follow the directions of the lock operator when using the locks or operating in the vicinity of the locks. The lock operator has the final authority on the suitability of a craft for lockage. Refer to the U.S. Army Corps of Engineers Safe Lockage Policy for Recreational Craft on the Columbia and Snake Rivers for additional safety requirements. For additional information on this matter or copies of the Safe Lockage policy, visit the following website: <http://www.nwp.usace.army.mil/op/s/nl> or contact the Walla Walla District at (509) 527-7115/(509) 527-7113 or the Portland District at (503) 808-4332/(503) 808-4333.

The three Portland District Locks and the five Walla Walla District Locks will use the same lockage schedule making the lockage times for the entire Columbia/Snake River system identical for recreational vessels. The following seasonal recreational craft lockage schedule will be implemented beginning 16 Sep 2004:

Traffic Direction	Times		
Upstream Lockages	8:00 a.m.	11:00 p.m.	3:00 p.m.
Downstream Lockages	8:30 a.m.	11:30 p.m.	3:30 p.m.

Consideration will be given for special lockages to flotillas or other unique events sponsored by yacht clubs, marinas, and other groups, provided advance (24 hours) arrangements have been made with the appropriate operations manager or their appointed representative. The following project office and operations managers should be contacted for scheduling of special lockages:

Project	Operations Managers	Phone Number	Alternate Number
Bonneville	Chief Operator on Duty	(541) 374-8323	N/A
The Dalles	Chief Operator on Duty	(541) 298-4007	N/A
John Day	Chief Operator on Duty	(541) 298-9712	N/A
McNary	Randell Ryan	(541) 922-2251	(541) 922-3214
Ice Harbor	Scott Sutliff	(509) 543-3251	(509) 547-7783
Lower Monumental	Matt Allen	(509) 282-7353	(509) 282-3218
Little Goose Project	Scott Ross	(509) 399-2233 x253	(509) 399-2233 x231
Lower Granite Project	Martin Mendiola	(509) 843-1493 x258	(509) 843-1493 x231

Chart N/A

LNM: 37/04

SNAKE RIVER - LOWER MONUMENTAL NAVIGATION LOCK - Damage

Due to recent contact with a barge, the upstream concrete guidewall on the north side of the Lower Monumental Lock, at Snake River Mile 41.6, has experienced damage to the concrete and steel reinforcement. The damaged area starts at the upstream end of the concrete at its intersection with the floating guidewall, and extends approximately 40 feet along the top edge of the concrete toward the lock chamber. Although nothing is protruding into the lock approach, there are still small pieces of exposed steel along the upper edge of the guidewall. Mariners are requested to use caution to avoid contact with the wall in this area. For additional information, contact the Army Corps of Engineers at (509) 527-7115.

Chart 18545

LNM: 40/04

WASHINGTON - STRAIT OF JUAN DE FUCA - Puget Sound Vessel Traffic Services Measure (33CFR161.11)

In support of the Cooperative Vessel Traffic Services (CVTS) Agreement all vessels over 300GT inbound for the U.S. via the Strait of Juan De Fuca are required to submit a 24 hour CVTS offshore advancement report. Follow the IMO Standard Ship Reporting system (Resolution A.648 (16), MSC/WP6). Submit the report using the methods below.

- Via e-mail, rmic-pacific@pac.dfo-mpo.gc.ca <<mailto:rmic-pacific@pac.dfo-mpo.gc.ca>>
- Via INMARSAT telex 04352586 "CGTC VAS VCR"
- Via any Canadian Coast Guard MCTS Centre, free of charge
- Or directly to CVTS Offshore by FAX: 604-666-8453

For additional information, contact Vessel Traffic Services, Puget Sound at (206) 217-6051.

Chart N/A

LNM: 29/04

WASHINGTON - STRAIT OF JUAN DE FUCA - PUGET SOUND - Security Zone of Passenger Vessels (Revision to LNM 06/03)

The Coast Guard is establishing a temporary moving security zone of 500 yards surrounding passenger vessels while within the waters of Puget Sound and adjacent waters. A passenger vessel is defined as any vessel over 100 feet in length (33 meters) carrying passengers for hire such as auto ferries, cruise ships, passenger ferries, and excursion vessels. All vessels within 500 yards of a passenger vessel shall operate at the minimum speed necessary to maintain a safe course and shall proceed as directed by the Official Patrol or passenger vessel master. The Official Patrol will consist of a Coast Guard patrol, Federal Law Enforcement officer or a General Authority Washington Peace Officer, Limited Authority Washington Peace Officer, Specially Commissioned Washington Peace Officer, or the passenger vessel master. This order is issued under the authority of the Ports and Waterways Safety Act, Title 33, U. S. Code 1221 et. Seq., and the regulations issued thereunder, Title 33, Code of Federal Regulations Part 165. Physical Boundaries: The following area is a security zone: All waters of Puget Sound, Washington State east of 123-30-00W [Datum: NAD 1983] within a 500 yard radius centered on passenger vessels while they are underway, anchored or moored.

Special Rules: All vessels within 500 yards of a passenger vessel shall operate at the minimum speed necessary to maintain a safe course, and shall proceed as directed by the Official Patrol or the passenger vessel master. No vessels will be allowed to transit this area without the permission of the Coast Guard, the Official Patrol or the passenger vessel master. Penalties for violating the zone: The Ports and Waterways Safety Act prescribes that whoever violates an order issued under the act is liable to a civil penalty of not more than \$27,500 for each violation. Each day of continuing violation shall constitute a separate violation. If such a violation is willful, you are subject to a criminal penalty of not more than \$250,000 and/or six years imprisonment. This criminal penalty is classified as a class "D" felony under federal law. Contact the Coast Guard Marine Safety Office, Puget Sound at (206) 217-6215 or VHF-FM Channel 16 for more information.

Chart N/A

LNM: 32/03

WASHINGTON - PUGET SOUND - SEATTLE TO BREMERTON - Ongoing Construction of Pier 36

During ongoing construction at Pier 36 that is expected to be completed September 2005, barges will be moored on the western face of Pier 36 sporadically. Barges will be marked with white flashing lights on the west corners and extend off the face no more than 110 ft. Mariners are requested to exercise caution in the vicinity of Pier 36.

Chart 18449

LNM: 33/03

WASHINGTON - PUGET SOUND - Acoustic Buoys (Revision of LNM 25/04)

Evans-Hamilton, Inc has deployed two acoustic doppler current meters (ADCPs) in approximate positions 47-45-44.1N 122-23-56.4W and 47-46-43.4N 122-24-40.2W. The instruments are in aluminum cages resting on the sea floor with no surface expression and will remain in place until early Jan 05. For additional information, contact Evans-Hamilton, Inc at (206) 526-5622.

Chart 18441

LNM: 42/04

WASHINGTON - PUGET SOUND - Geoduck Harvesting

Geoduck harvesting will be conducted in the area of Point Heyer (east side of Vashon Island) and in Pitt Passage (west side of McNeil Island) from 11 Oct 04 to 28 Jan 05. These operations will take place from 0800 until 1600 local, Monday through Friday, excluding state holidays. The Department of Natural Resources patrol boat will be onsite and monitoring VHF-FM Channel 8. Vessels transiting the area are requested to stay 300ft clear of divers. For additional information, contact the Washington Department of Natural Resources at (360) 902-1100.

Charts 18448,18474

LNM: 40/04

WASHINGTON - LAKE WASHINGTON - Lock Closure

The Hiram M. Chittenden Large Lock will be closed to all traffic, with the small lock remaining open to all vessels within size restrictions from 0001 20 Nov to 1600 local 03 Dec 04 for annual maintenance. For additional information, contact the Army Corps of Engineers at (206) 783-7000.
Chart 18447 LNM: 22/04

WASHINGTON - PUGET SOUND - DUWAMISH WATERWAY - Submerged Barge (Revision of LNM 05/03)

Six barges rather than the one barge previously reported in December 2002, have sunk in the Duwamish Waterway approximately 150 yards south of the 1st Avenue Bridge and are protruding into the west side of the channel. The owner of the partially submerged barge has marked the corner in the channel with a red float and a quick flashing red light. Attempts to salvage the barge have been unsuccessful. An announcement will appear in this publication as changes occur. Contact the Army Corps of Engineers at (206) 764-3429 for more information.
Chart 18450 LNM: 16/03

WASHINGTON - SEATTLE - Marine Events

Date of Event	Event Name	Event Location	Sponsor
11/13/2004	Keelboat Races	South Puget Sound	South Sound Sailing Society
11/13/2004	Wind Seekers Holiday #2	Commencement Sound	Wind Seekers Yacht Club
11/13/2004	Snowbird	Puget Sound	Shilshole Bay Yacht Club
11/13/2004	Snowbird	Alki to Edmonds	Shilshole Bay Yacht Club
11/13/2004	Gig Harbor Le Mans Race	Gig Harbor Bay to Olalla	Gig Harbor Yacht Club
11/20/2004	Foul Weather Regatta	Sinclair Inlet	West Sound Corinthian YC
11/20/2004	Turkey Bowl	Meadow Pt	Corinthian Yacht Club
11/20/2004	Wind Seekers Holiday #3	Commencement Sound	Wind Seekers Yacht Club
11/21/2004	Turkey Bowl	Meadow Pt	Corinthian Yacht Club
11/22/2004	Autumn Series	Possession Sound	Milltown Sailing Association
11/27/2004	Wind Seekers Holiday #4	Commencement Sound	Wind Seekers Yacht Club

SECTION VIII – LIGHT LIST CORRECTIONS

An Asterisk *, indicates the column in which a correction has been made to new information

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8630	Chetco River - Regulated Boating Area Warning Sign (2) *	42 02 49 N 124 16 07 W	Q Y *	13		NW worded ROUGH BAR. *	Lights flashing when seas exceed four feet in height, lights extinguished for lesser bar conditions, but with no guarantee that the bar is safe.
8670	Rogue River - Regulated Boating Area Warning Sign (2) *	42 25 36 N 124 25 29 W	Q Y *			NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser bar conditions, but with no guarantee that the bar is safe. Maintained from May 15 to Oct 10.
8705	Coquille River - Regulated Boating Area Warning Sign (2) *	43 07 15 N 124 25 03 W	Q Y *	29		NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser bar conditions, but with no guarantee that the bar is safe. Maintained from May 15 to Oct 1.

9150	South Slough - Regulated Boating Area Warning Sign (2) *	43 20 51 N 124 19 16 W	Q Y *		NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser bar conditions, but with no guarantee that the bar is safe.	45/04
9250	Umpqua River - Regulated Boating Area Warning Sign (2) *	43 40 11 N 124 11 56 W	Q Y *	19	NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser bar conditions, but with no guarantee that the bar is safe.	45/04
9455	Siuslaw River - Regulated Boating Area Warning Sign (2) *	44 01 07 N 124 08 11 W *	Q Y *	37	NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser bar conditions, but with no guarantee that the bar is safe.	45/04
9630	Yaquina Bay - Regulated Boating Area Warning Sign (2) *	44 37 34 N 124 03 22 W	Q Y *	25	NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser bar conditions, but with no guarantee that the bar is safe.	45/04
9805	Depoe Bay - Regulated Boating Area Warning Sign (2) *	44 48 36 N 124 03 42 W	Q Y *	25	NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser bar conditions, but with no guarantee that the bar is safe. Visible from 017° to 263°.	45/04
9837	Garibaldi Channel - Regulated Boating Area Warning Sign (2) *	45 34 13 N 123 57 22 W	Q Y *		NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser bar conditions, but with no guarantee that the bar is safe.	45/04
15985	South Bay Channel Grays Harbor Regulated Boating Area Warning Sign (2) *	46 54 08 N 124 06 09 W	Q Y *	20	NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser bar conditions, but with no guarantee that the bar is safe.	45/04
16100	Quillayute River - Regulated Boating Area Warning Sign (2) *	47 54 35 N 124 38 17 W	Q Y *	34	NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser bar conditions, but with no guarantee that the bar is safe.	45/04

16780	Puget Sound ACOE Shilshole Bay North Lighted Mooring Buoy	47 41 05 N 122 24 34 W	FL W 4s *			White can.	Maintained by U.S. Army Corps of Engineers. *	45/04
16795	ACOE Shilshole Bay South Lighted Mooring Buoy	47 40 17 N 122 25 22 W	FI W 4s *			White can.	Maintained by U.S. Army Corps of Engineers. *	45/04
18165	Shilshole Bay LOWER GUIDE WALL LIGHT *	47 40 07 N 122 24 15 W *	F Y *	8	*	On pile Structure. *	Maintained by U.S. Army Corps of Engineers.	45/04
18175	Hiram M. Chittenden Locks to Lake Washington UPPER GUIDE WALL LIGHT *	47 39 53 N 122 23 28 W *	F Y *	14		On pile Structure.	Maintained by U.S. Army Corps of Engineers.	45/04
19695	Haro Strait Lime Kiln Light	48 30 50 N 123 09 09 W *	FI W 10s	55	17	Octagonal tower attached to building. 38 *	Emergency Light Iso W 6s. *	45/04

PUBLICATION CORRECTIONS

None

ENCLOSURES

Oregon - Washington - Columbia River - Dredging Operations >See Append 1<
 Washington - U.S. Coast Guard Group Port Angeles and Group Seattle areas of responsibilities >See Append 2<
 Tabulation - Columbia River - BAKER BAY WEST CHANNEL >See Append 3<

If you have any questions, comments, or need additional information concerning this or other LNM's or the LNM Mailing List (e.g. additions, deletions, corrections) contact the address or phone number on the front page.

D. R. McCRIMMON, JR.
 Commander, U.S. Coast Guard
 Chief, Aids to Navigation & Waterways Management Branch
 Thirteenth Coast Guard District
 By direction of the District Commander

OREGON – WASHINGTON – COLUMBIA RIVER – Dredging Operations

Dredging operations are planned or in progress at the following locations:

Start Date	End Date	Times	Location	Dredge Vessel	Assist Vessel	Channels Monitored	Disposal Area	LNМ
16 Aug 04	15 Feb 05	0700-1900 Mon - Fri	<u>Duwamish River</u>	DB Seattle		14 and 16 VHF-FM	Terminal 25	32/04
19 Jul 04	15 Feb 05	0500-1800 Mon - Fri	<u>East Waterway</u>	Mason Derrick	Olympic Tug, Rebel and Minnie	8 and 14 VHF-FM	Terminal 25 and Elliott Bay	28/04
16 Jul 04	Dec 04	24 hours 6 days	<u>Blair Waterway</u>	Vulcan	Gladys M Wollochot	13, 14 and 66 VHF-FM	Blair Waterway Slip 5 and PSSDA	28/04
11 Oct 04	02 Dec 04	0700-1400 Mon - Fri	<u>Cap Sante Marina</u>	DB Tacoma	Rossario	13 and 14 VHF-FM	48-30-52.2N 122-43-33.6W	40/04

*US Army Corps of Engineer dredges request mariners transit at their slowest safe speed to minimize wake when in the vicinity of a dredge and proceed after passing arrangements have been made.

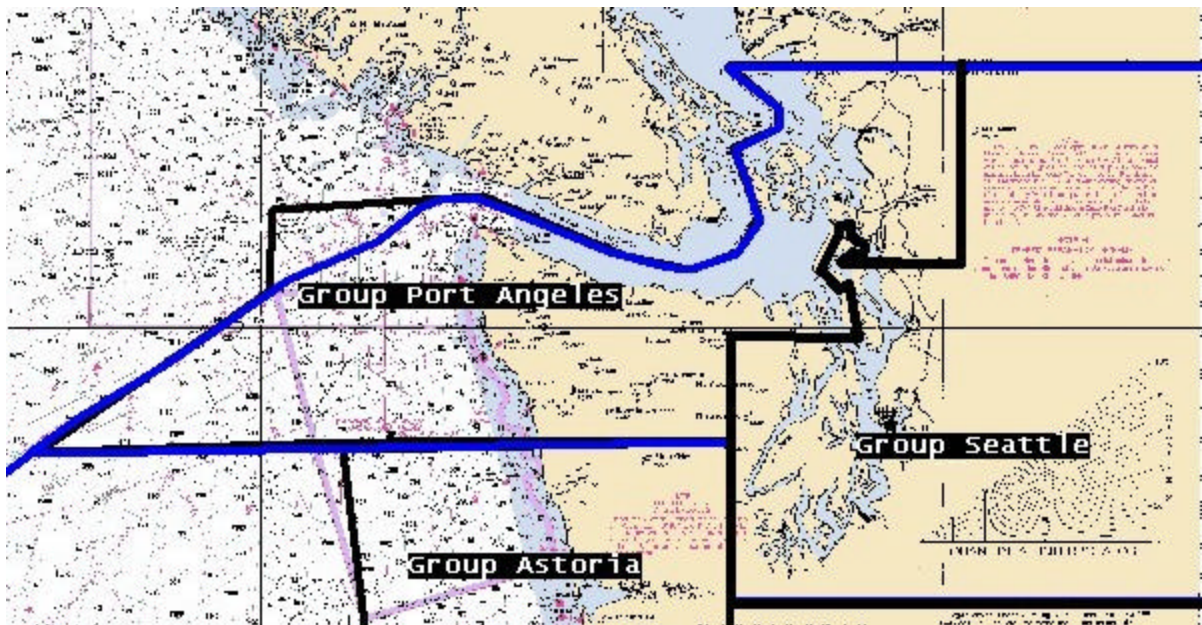


CHART 18521

COLUMBIA RIVER CHANNEL DEPTHS ENTRANCE TO MILLER SANDS RANGE								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 06, 2004								
* SEE FOOTNOTES						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
ENTRANCE RANGE	54	51	51	43	9-04	2640	3.3	48
SAND ISLAND RANGE (CLATSOP SPIT)	49	50	50	46	9-04	2640	2.2	48
LOWER DESDEMONA SHOAL	43	45	43	43	8-04	600	3.4	40
UPPER DESDEMONA SHOAL	40	43	47	45	9-04	600	3.6	40
TANSY POINT TURN AND RANGE	40	42	42	38	8-04, 9-04	600	4.8	40
ASTORIA RANGE	40	42	43	41	9-04	600	2.7	40
TONGUE POINT CHANNEL	41	44	42	41	9-04	600	2.2	40
HARRINGTON POINT RANGE	41	41	43	38	9-04	600	2.6	40
MILLER SANDS RANGE	36	41	39	40	9-04	600	2.2	40

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
 * CONTROLLING DEPTHS IN CHANNELS ENTERING FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER FROM THE ENTRANCE TO HARRINGTON POINT AND COLUMBIA RIVER DATUM ABOVE THAT POINT. PROJECT LENGTHS ARE IN STATUTE MILES.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION